

DRILL HOLES

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BORDER REV. DATE: June 11, 2004

NOTE: US 40 IS CONSIDERED TO RUN IN AN EAST-WEST DIRECTION.

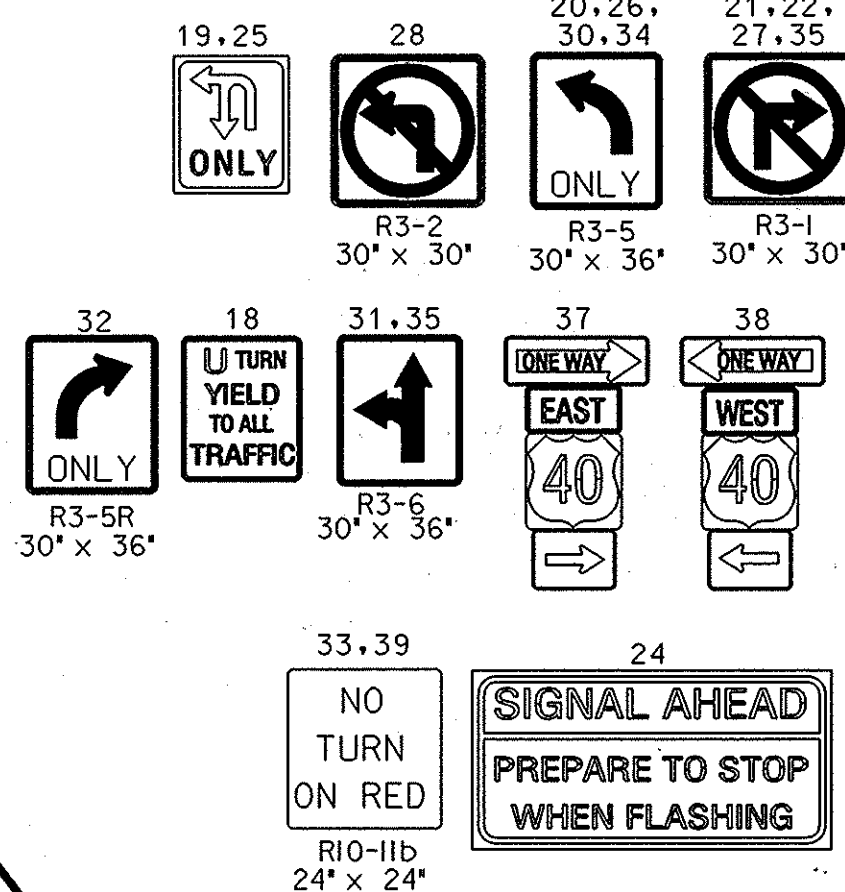
CONSTRUCTION DETAILS

- Install NEMA size 6 base mounted cabinet with battery backup system. (Note: Contractor shall use existing foundation and utilize all conduit runs from this foundation.)
- Use existing metered service pedestal.
- Remove existing signal head and install LED signal head as shown. (Note: Contractor shall use existing wiring.)
- Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- Use existing handhole or conduit.
- Locate existing spare 2" conduit bend and use for new service feed from proposed battery backup.
- Use existing base mounted cabinet. (Note: Sha signal shop shall remove master system controller with harnesses from existing system and install in existing local base mounted cabinet. Also they shall disconnect interconnect, phone line and reroute all existing cables to cabinet for final connections.)
- Replace LED modules in existing signal heads.

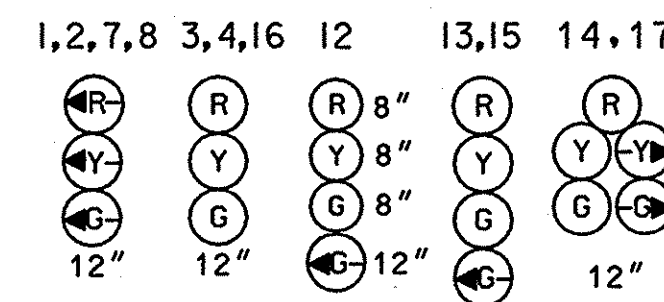
GEOMETRIC LEGEND	
PROPOSED	---
EXISTING	---
LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES	
AERIAL CABLE	---
ELECTRIC	---
TELEPHONE	---
GAS	---
SEWER	---
WATER	---
CABLE TV	---

THERE IS A HANDHOLE APPROX. 500' FROM THE INTERSECTION AND 160' OF 2" POLYVINYL CHLORIDE (SCHEDULE 80) TRENCHED IN BREAK AREA, AND ONE (1) VIDEO DETECTION CAMERA, 146' FROM THE INTERSECTION, 5' FROM THE ROAD EDGE.

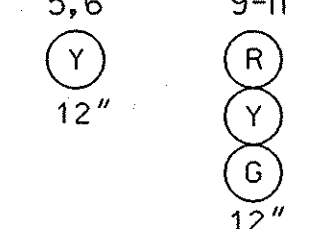
EXISTING SIGNS



PROPOSED SIGNALS



EXISTING LED SIGNALS



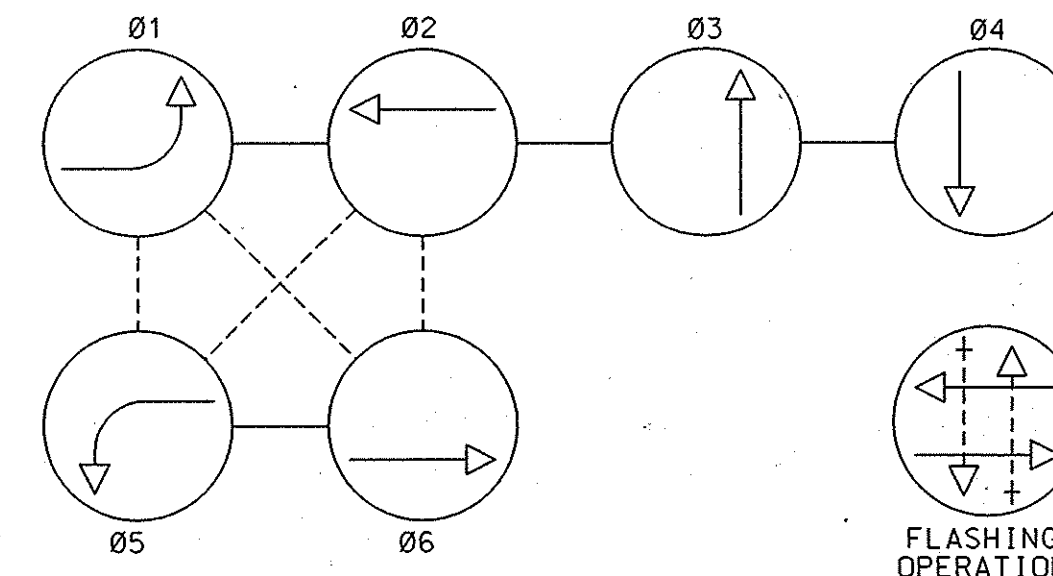
EXISTING VIDEO DETECTION CAMERA

CH - VIDEO DETECTION CAMERA a, b, c, d

EXISTING RED LIGHT CAMERA OR FLASH

CA - RED LIGHT CAMERA OR FLASH

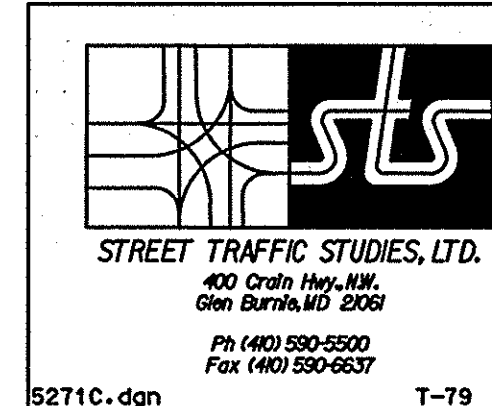
NEMA PHASING



- PHASING NOTES:
- PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
 - PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

GENERAL NOTES:

- This plan reflects only those underground utilities that were apparent at the time of this location being asbuilt. A detailed review was not undertaken and the plan should not be construed as representing all underground utilities in the area.
- Cabinet and pedestal locations shall be marked in the field.
- All existing power services shall be removed by BGE after installation of proposed power services.



APPROVALS	
TEAM LEADER	ASST. DIV.
DIVISION CHIEF	OFFICE DIRECTOR

REVISIONS	
INSTALL L.E.D. SIGNAL HEADS AND BATTERY BACKUP DEVICES SHA#1425185	4/18/07
UPGRADE TO RED LIGHT CAMERA	10/11/05
INSTALL VIDEO DETECTION SHA NO. AT3085185	6-01-04

STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION	
US 40 AND RIDGE ROAD	
ELLCOT CITY, MARYLAND	
TRAFFIC SIGNAL PLAN	
SCALE 1"= 20'	DATE _____ CONTRACT NO. _____
DESIGNED BY _____	COUNTY HOWARD
DRAWN BY J. GORDON	LOGMILE 130041018.56
CHECKED BY J. GORDON	TMS NO. 1288
F.A.P. NO. _____	TOD NO. _____
TS NO. 951L	DRAWING NO. 1 OF 2
SHEET NO. OF	